

04.08-03

2673 #2
V.74
10-10-05

WORKMAN NYDEGGER

ATTORNEYS AT LAW

A PROFESSIONAL CORPORATION

1000 EAGLE GATE TOWER

60 EAST SOUTH TEMPLE

SALT LAKE CITY, UTAH 84111

TELEPHONE (801) 533-9800

FACSIMILE (801) 328-1707



RICK D. NYDEGGER
BRENT P. LORIMER
THOMAS R. VUKSINICK
LARRY R. LAYCOCK
JONATHAN W. RICHARDS
DAVID R. WRIGHT
JOHN C. STRINGHAM
JOHN M. GUYNN
CHARLES L. ROBERTS
DANA L. TANGREN
ERIC L. MASCHOFF
CHARLES J. VEVERKA
ROBYN L. PHILLIPS
RICHARD C. GILMORE†
STERLING A. BRENNAN†
GREGORY M. TAYLOR
DAVID B. DELLENBACH
R. BURNS ISRAELSEN
DAVID R. TODD
L. DAVID GRIFFIN
ADRIAN J. LEE
FRASER D. ROY
CARL T. REED

R. PARRISH FREEMAN, JR.
PETER F. MALEN, JR.
L. REX SEARS, PH.D.
ERIC M. KAMERATH
ROBERT E. AYCOCK
JENS C. JENKINS
KEVIN W. STINGER
WILLIAM J. ATHAY
MICHAEL B. DODD
WILLIAM R. RICHTER
RYAN D. BENSON
SARA D. JONES
TIGER KELLER
JANNA L. JENSEN
MATTHEW D. TODD
J. LAVAR OLDHAM
MICHAEL J. FRODSHAM
JOSEPH L. KRUPA
BRETT A. HANSEN
BRETT I. JOHNSON
MATTHEW A. BARLOW

† ADMITTED ONLY IN CALIFORNIA

PATENTS 10-10-05

TRADEMARKS

COPYRIGHTS

TRADE SECRETS

UNFAIR COMPETITION

LICENSING

COMPLEX LITIGATION

MAILING ADDRESS:

P.O. BOX 45862

SALT LAKE CITY, UT 84145

INTERNET

HOME PAGE: <http://www.wnpatent.com>

GENERAL E-MAIL: info@wnpatent.com

EXPRESS MAIL LABEL NO.: EV 148 725 386 US

PATENT APPLICATION

Docket No.: 14984.28

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT

RECEIVED

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SEP 10 2003

Technology Center 2600

Sir:

Transmitted herewith for filing and pursuant to 37 C.F.R. § 1.97 is an Information Disclosure Statement.

Enclosed also are the following designated documents, as required under 37 C.F.R. §§ 1.97 and 1.98:

X Form PTO-1449 list of five (5) references submitted for consideration.

X Legible copies of the listed references or their relevant portions.

— All English translations of each non-English reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. § 1.98(c)).

The following are included within the Information Disclosure Statement if applicable and as required under 37 C.F.R. § 1.98:

— Concise explanation of relevance of each reference not in English and unaccompanied by an English translation.

___ Statement that certain listed references not enclosed are substantially cumulative of an enclosed reference.

___ Statement that certain listed references not enclosed were previously cited by or submitted to the Office in the identified prior application which is relied upon for an earlier filing date under 35 U.S.C. § 120.

___ Legible Copies of previously filed Information Disclosure Statement for application Serial No. _____, filed _____.

In order to secure consideration of the items designated above, one or more of the following, if required, is also enclosed:

___ Promptness Certification.

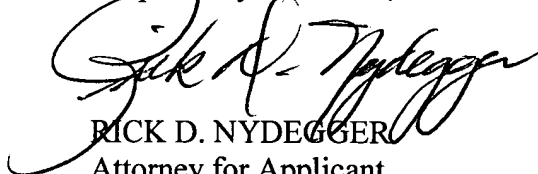
___ Check No. _____ in the amount of \$240.00 constituting submission fee under 37 C.F.R. 1.17(p);

___ Petition for Consideration and Check No. _____ in the amount of \$_____.

X In the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that the Promptness Certification meets the requirements of 37 C.F.R. § 1.97(e), or in any other event remediable by a fee, please credit any over payment or charge any additional fees to Deposit Account No. 23-3178 of the undersigned.

Dated this 5 day of SEPTEMBER, 2003.

Respectfully submitted,



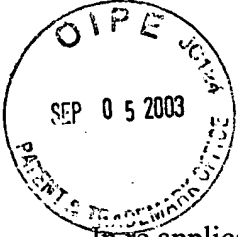
RICK D. NYDEGGER
Attorney for Applicant
Registration No. 28,651
Customer No. 022913

WORKMAN, NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111
Phone: (801) 533-9800
Fax: (801) 328-1707

PATENT APPLICATION

Docket No.: 14984.28

Docket No.: 14984.28



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Mikhail M. Lyapunov, et al.

Serial No.: 10/099,809

Filed: March 14, 2002

Confirmation No.: 3092

For: **HARDWARE-ENHANCED GRAPHICS
ACCELERATION OF PIXEL
SUB-COMPONENT-ORIENTED IMAGES**

Examiner: unassigned

Customer No.: 022913

RECEIVED

SEP 10 2003

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

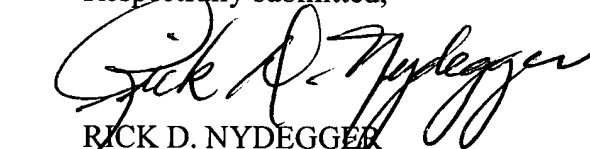
Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

To secure consideration of the references submitted with this Information Disclosure Statement, please charge any applicable fees or credit any overpayment to Deposit Account No. 23-3178 of the undersigned.

Dated this 5 day of SEPTEMBER, 2003.

Respectfully submitted,


RICK D. NYDEGGER
Attorney for Applicant
Registration No. 28,651

WORKMAN, NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111
Phone: (801) 533-9800
Fax: (801) 328-1707

EXPRESS MAIL LABEL NO.: EV 148 725 386 US
Form PTO-1449

Sheet 2 of 2

Applicant: Mikhail M. Lyapunov, et al.

Serial No.: 10/099,809

Att'y Docket No.: 14984.28

Filing Date: March 14, 2002

Group: 2673

Confirmation No.: 3092


For: HARDWARE-ENHANCED GRAPHICS ACCELERATION OF PIXEL SUB-
COMPONENT-ORIENTED IMAGES

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

W:\14984\28\DMS0000004851V001.doc



1/28/04

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Mikhail M. Lyapunov, et al.

Docket No.

14984.28

Serial No.
10/099,809Filing Date
March 14, 2002Confirmation No.
3092Examiner
unassignedGroup Art Unit
2673Invention: **HARDWARE-ENHANCED GRAPHICS ACCELERATION OF PIXEL SUB-COMPONENT-ORIENTED IMAGES**

I hereby certify that the Transmittal letter (2 pages) (in triplicate); Information Disclosure Statement (2 pgs); Form PTO-1449 Listing all Cited References (2 pgs); Legible Copies of Five (5) Cited References; and postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on SEPTEMBER 5, 2003.

DACIA M. HOLT

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

EV 148 725 386 US

("Express Mail" Mailing Label Number)